

## EAST Search History

## EAST Search History (Prior Art)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S21	9031	438/14-18.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 14:40
S22	109947	((silicon adj on adj insulator) (silicon-on- insulator) (silicon near2 insulator) SOI)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 14:43
S23	462	S21 and S22	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 14:43
S24	5766	((silicon adj island) (silicon near2 island))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 14:43
S25	9	S23 and S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 14:44
S26	70445	((acceleration adj voltage) (kev))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 14:47
S27	2366	S22 and S24	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 14:47

S28	415	S26 and S27	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 14:47
S29	1183908	((beam adj current) (pA))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 14:48
S30	74	S28 and S29	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 14:48
S31	27139	beam adj diameter	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 14:48
S32	1	S30 and S31	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 14:48
S33	106620	((beam adj diameter) (beam near2 diameter) (beam adj size) (beam near2 size) (beam adj width) (beam near2 width))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 14:49
S34	12	S30 and S33	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 14:50
S35	79869	ion-beam ion adj beam	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 14:53
S36	9343	S26 and S35	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 14:53

S37	3519	S29 and S36	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 14:53
S38	618	S31 and S37	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 14:53
S39	43	S22 and S38	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 14:53
S40	162288	island	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 14:58
S41	150	(US-20030152186-\$ or US-20050018898-\$ or US-20050021347-\$ or US-20050146333-\$ or US-20050198609-\$ or US-20060047454-\$ or US-20060159586-\$ or US-20060249479-\$ or US-20060286550-\$ or US-20060287900-\$ or US-20070084541-\$ or US-20070176312-\$ or US-20080111989-\$ or US-20080176075-\$ or US-20080249729-\$ or US-20090033914-\$ or US-20090151466-\$ or US-20090200458-\$).did. or (US-4875780-\$ or US-5581085-\$ or US-5675419-\$ or US-5862919-\$ or US-5966218-\$ or US-6466040-\$ or US-6624885-\$ or US-6738505-\$ or US-7049814-\$ or US-7159654-\$ or US-7246522-\$ or US-7394067-\$ or US-7444012-\$ or US-7519152-\$ or US-	US-PGPUB; USPAT	OR	ON	2009/10/05 14:59

3723006-\$ or US-  
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3811326-\$ or US-  
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		6477685-\$ or US-6487511-\$ or US-6496559-\$ or US-6513151-\$).did.				
S42	2	S40 and S41	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 14:59
S43	217877	silicon adj oxide	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 15:01
S44	2791	S24 and S43	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 15:01
S45	141	S35 and S44	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 15:01
S46	65	S26 and S45	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 15:01
S47	25	S29 and S46	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 15:01
S48	674	216/59.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 15:14
S49	25	S26 and S48	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 15:14

S50	448	silicon adj island with ((silicon adj oxide) (SOI))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 15:16
S51	787562	embedded	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 15:16
S52	46	S50 and S51	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/05 15:16
S53	3251	250/306,307,309.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/12 09:31
S54	543	374/57.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/12 09:32
S55	413	324/71.5.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/12 09:32
S56	4207	S53 or S54 or S55	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/12 09:32
S57	110109	((silicon adj on adj insulator) (silicon-on- insulator) (silicon near2 insulator) (SOI))	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/12 09:34
S58	330852	((thin adj film adj transistor) TFT) (thin near2 transistor) (silicon adj islands) (silicon near2 islands) (islands) (SiMOX)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/12 09:35

S59	18846	S57 and S58	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/12 09:35
S60	11	S56 and S59	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/12 09:35
S61	2349554	((silicon adj oxide) (BOX) (BOX adj layer) (ion- beam) (ion adj beam) (ion near2 beam) (silicon adj island) (silcon near2 island) (island) (SiMOX)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/12 09:39
S62	202417	S58 and S61	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/12 09:40
S63	111	S56 and S62	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2009/10/12 09:40

## EAST Search History (1 interference)

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S64	10890	((silicon adj on adj insulator) (silcon-on- insulator) (silicon near2 insulator) (SOI)).clm.	US-PGPUB; USPAT	OR	ON	2009/10/12 09:48
S65	91232	((silicon adj oxide adj (layer film)) (BOX)).clm.	US-PGPUB; USPAT	OR	ON	2009/10/12 09:49
S66	233	S64 and S65	US-PGPUB; USPAT	OR	ON	2009/10/12 09:49
S67	10216	((silicon adj island) (silicon near2 island) (island)).clm.	US-PGPUB; USPAT	OR	ON	2009/10/12 09:50
S68	11	S66 and S67	US-PGPUB; USPAT	OR	ON	2009/10/12 09:50
S69	10269	((ion-beam) (ion adj beam) (ion near2 beam)).clm.	US-PGPUB; USPAT	OR	ON	2009/10/12 09:51



S70	6763	((acceleration adj voltage) KeV).cm.	US-PGPUB; USPAT	OR	ON	2009/10/12 09:52
S71	632	S69 and S70	US-PGPUB; USPAT	OR	ON	2009/10/12 09:52
S72	16113	((((beam adj current) (pa)) (beam adj diameter)).cm.	US-PGPUB; USPAT	OR	ON	2009/10/12 09:53
S73	104	S71 and S72	US-PGPUB; USPAT	OR	ON	2009/10/12 09:53
S74	1	S67 and S73	US-PGPUB; USPAT	OR	ON	2009/10/12 09:53

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